MAKIN, S.M.; SUDAKOVA, V.S.

Chemistry of unsaturated ethers. Part 15: Telomerization of vinyl ethyl ether with acetaldehyde acetal. Synthesis of 1-alkoxypolyenes. Zhur.ob.khim. 32 no.10:3161-3166 0 '62. (MIRA 15:11)

MAKIN, S.M.; ROZHKOV, I.N.; SUDAKOVA, V.S.

Chemistry of unsaturated ethers. Part 16: Telomerization of 1-alkoxy-1,3-dienes with acetals of unsaturated aldehydes. Zhur.ob.khim. 32 no.10:3166-3170 0'62. (MIRA 15:11)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V. Lomonosova.

(Unsaturated compounds)

(Acetals)

(Polymerization)

TO THE REPORT OF THE PERSON OF

SUDAKOVA, V.V.

Use of royal jelly preparation in lesion of the locomotor apparatus of children suffering from insufficient nutrition. Inform.biul.o mat.moloch. no.3:59-61 '62. (MIRA 16:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy detskiy ortopedicheskiy institut imeni G.I. Turnera (dir. - prof. M.N. Goncharova).

(ROYAL JELLY-THERAPEUTIC USE) (LOCOMOTION, DISORDERED)

(DEFICIENCY DISEASES)

LUNEVA, Z S., kand. sel khoz. nauk; SUDAKOVA, Ye.A., ml. nauchn. setr.; POFOV, V.A., st. nauchn. sott.

[Growing ornamen'al tree and shrub seedings; for town landscaping in the tentral zone of the European Part of the R.S.F.S.R.] Vyrashchivanie sazhentsev dekorativnykh derev'ev i kustarnikov; dlia ozeleneniia gorodov srednei polisy Evropeiskoi chasti RSFSA. Moskva, Stroiizdat, 1965. 170 p. (MIRA 18:8)

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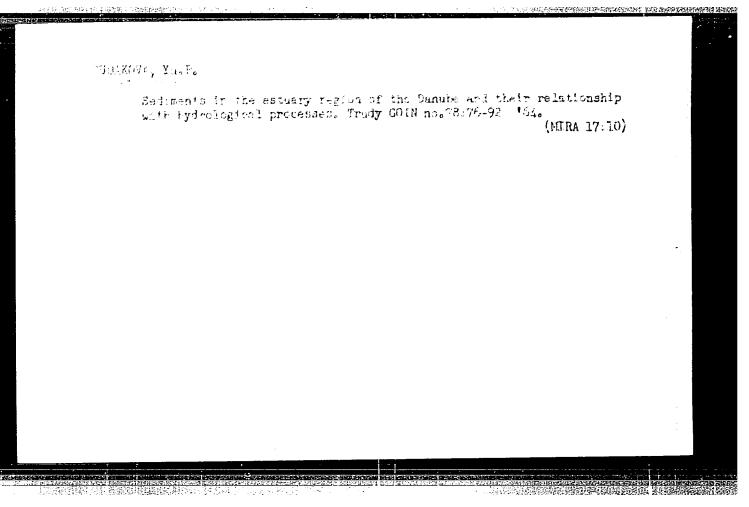
SMORKALOV, V.T., red.; KARDASH, F.G., st. varshchik, red.; IVANOVA, V.Ya., red.; SUDAKOVA, Yu., red.; VASIL'KOVICH, L.A., red.; GETLING, Tu., red.

[Plant of miraculous transformations; everyday work of the employees of the Tavda Hydrolysis Flant] Zavod chudesnykh prevrashchenii; trudovye budni kollektiva Tavdinskoge gidroliznogo zavoda. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 50 p. (MIRA 18:4)

1. Direktor Tavdinskogo gidroliznogo zavoda Ural (for Kardash). ?. Predsedria zavodskogo komiteta Tavdinskogo gidroliznogo zavoda, Ural (for Ivanova). 3. Sekretar' Vsesoyuznogo Leninskogo Kommunisticheskogo soyuza molodezhi (for Sudakova). 4. Nachal'nik planovogo otdela Tavdinskogo gidroliznogo zavoda, Ural (for Vasil'kovich).

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653730001-5"

三分科 医松子 155、多种的特别。



SUDAKOVA, Z. V.

Dissertation: "The Role and Importance of Masps in the Plant Cover of Moskovskaya Oblast."
Cand Biol Sci, Moscow Oblast Pedagogical Inst, 30 Jun 54. (Vechernyaya Moskva, Moscow, 22 Jun 54)
So: SUM 318, 23 Dec 1954

SUDAKOVICH, D. I.

"Threshold of the Optic Canal and Its Role in the Life of the Organ of Vision." Sub 19 Oct 51, Acad Med Sci UbbR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

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SUDAKOVICH, D.I., imphener.

Immediate tasks in the field of power tool production. Mekh.stroi. 4 no.5:21-24 My '47. (MIRA 9:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Stroydormash, Lenfilial.

(Power tools)

SUDAKOVICH, D.I.

Elektrifikatsirovannyi ruchnoe instrument. Dop. v kachestve uchebn. posobiia dlia uchashchikhsia tekhnikumov stroit, i dorozhnogo mashinostroeniia. Moskva, Mashgiz, 1950. 227 p. illus.

B ibliography: p. 214-(215)

Electrically operated hand tools.

DLC: TJ1195.58

SO: Manufacturing and MEchanical Engineering in the Soviet Union, Library of Congress, 1953.

BERMADSKIY, G. I.; SUDAKOVICH, D. I.; GRINTSER, S. A., inzhener, redaktor;
KUZNITSYN, G. I., Inzhener, retsenzent; PETRUN'KIN, L. P., laureat
Stalinskoy premii, inzhener, retsenzent; POL'SKAYA, R. G., tekhni-,
cheskiy redaktor

[Pneumatic hand-operated instrument] Fnewmaticheskii ruchnoi instrument. Hoskva, Gos.nauchno-tekhn. izd-vo mashinostroitel'noi
lit-ry, 1952.

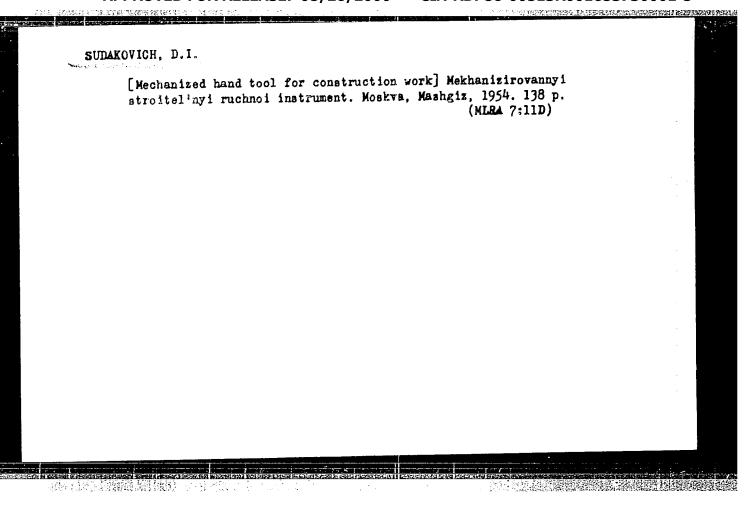
(Pneumatic tools) [MICROFIIM]

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Woodworking Machinery

Electric band polishing machine for wood type 1-106. Mekh. stroi. 9 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.



SUDAKOVICH, D.I.; BERNADSKIY, G.I.; PETRUN'KIN, L.P., inzhener, laureat Stalinskoy premii, retsenzent; SHESTINSKIY, N.N., inzhener, redaktor.

[Manual on mechanized hand tools] Spravochnik po mekhanizirovannomu ruchnomu instrumentu. Leningrad, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. litery [Leningradskoe otd-nie] 1954. 335 p. (MLRA 7:6) (Tools)

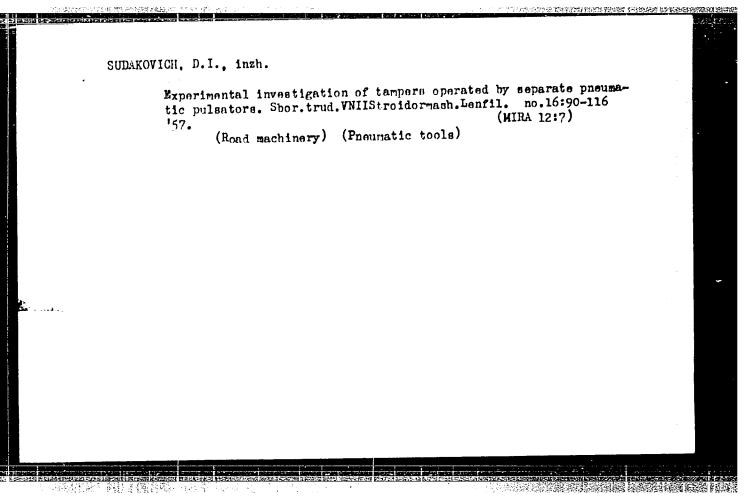
OSIPOV, Petr Osipovich; SUDAKOVICH, D.I., inzhener, nauchnyy redaktor; ROTENBERG, A.S., redaktor izdatel stva; PUL'KINA, Ye.A., tekhnicheskiy redaktor

[New method of working frozen ground] Novyi sposob razrabotki merzlykh gruntov. Leningrad, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 25 p. (MLRA 10:9) (Frozen ground)

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VOYTEKUNAS, Stanislav Stefanovich; ZUYEV, F.P., nauchnyy red.; SUDAKOVICH.
D.I., nauchnyy red.; KAHPOV, V.V., red.izd-va; PUL'KINA, Ye.A.,
tekhn.red.

[Designing reinforced concrete elements; from the experience of planning organizations in Leningrad] Konstruirovanie zhelezo-betonnykh elementov; iz opyta proektnykh organizatsii Leningrada. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 210 p.

(Reinforced concrete)

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BERNADSKIY, G.I., inzh.; SUDAKOVICH, D.I., inzh.; MEYTUS, M.E., nauchnyy red.; ZHURAVSKIY, N.A., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Machinery for finishing operations in construction; a mammal]
Mashiny i mekhanizirovannye instrumenty dlia otdelochnykh rabot
v stroitel'stve; spravochnik. Leningrad, Gos.izd-vo lit-ry po
stroit., arkhit. i stroit.materialam, 1960. 212 p.
(MIRA 13:12)

(Building machinery)

BESPALOV, Ivan Vasil'yevich; SUDAKOVICH, D.I., inzh., nsuchnyy red.;
REYZ, M.B., red.izd-va; CHERKASSKAYA, F.T., tekhm. red.

[Organization of transportation in construction]Organizatsiia
postroechnogo transporta. Gesstroizdat, 1961. 175 p.

(MIRA 15:8)

(Transportation) (Building materials—Transportation)

THE STATE OF THE PROPERTY OF T

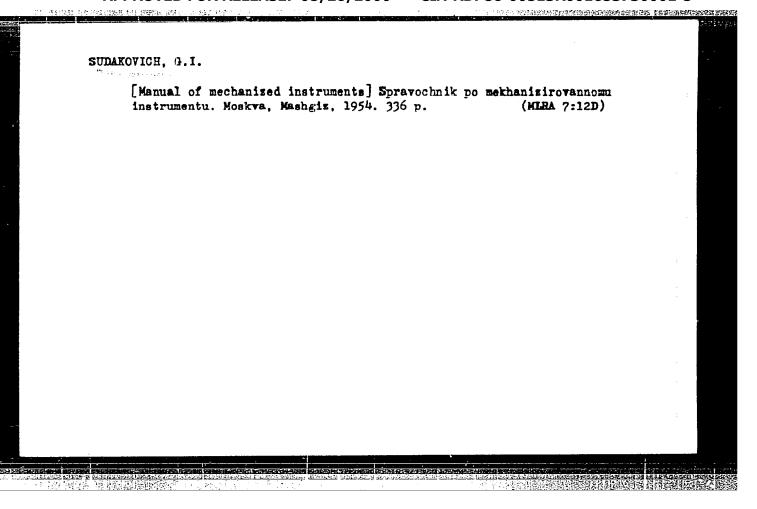
SUDAKOVICH, David Isaakovich, inzh.; BERNADSKIY, Georgiy Ivanovich, inzh.; KUZNITSYN, G.I., kand. tekhn. nauk, retsenzent; SHESTINSKIY, N.N., inzh., red.; DUDUSOVA; G.A.red. izd-va; SPERANSKAYA, O.V., tekhn. red.

[Manual on portable power tools] Spravochnik po mekhanizirovannomu ruchnomu instrumentu. Izd.2., dop. i perer. Moskva, Gos.nauchnotekhn. izd-vo mashinostroit. lit-ry, 1961. 335 p. (MIRA 14:6) (Power tools)

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REBROV, A.S., inzh. [deceased]; USFENSKIY, V.P., inzh.; PLESHKOV, D.I., kand. tekhn. nauk; BELEN'KIY, V.I., inzh.; BERNADSKIY, G.I., inzh.; VALUTSKIY, I.I., inzh.; BAZANOV, A.F., kand. tekhn. nauk; KOGAN, I.Ya., kand. tekhn. nauk; RATNER, A.I.; VOROB'YEV, A.A., inzh.; BAUMAN, V.A., kand. tekhn. nauk; NOSENKO, N.Ye., kand. tekhn. nauk; FOKIN, M.V., inzh. [deceased]; VINOGRADOV, G.V., inzh.; GUSAKOV, M.A., inzh.; SUDAKOVICE, D.I., inzh.; Prinimali uchastiye: SIGAL', Ya.Ye., inzh.; TITOV, M.A., inzh.; OGIYEVICH, V.Ya., kand. tekhn. nauk, retsenzent; LAPIR, F.A., inzh., retsenzent; PETROV, N.M., kand. tekhn. nauk, retsenzent; KHOLIN, N.A., inzh., retsenzent

[Construction machinery; a reference manual] Stroitel'nye mashiny; spravochnik. Izd.3., perer. i dop. Moskva, Mashinostroenie, 1965. 788 p. (MIRA 18:6)

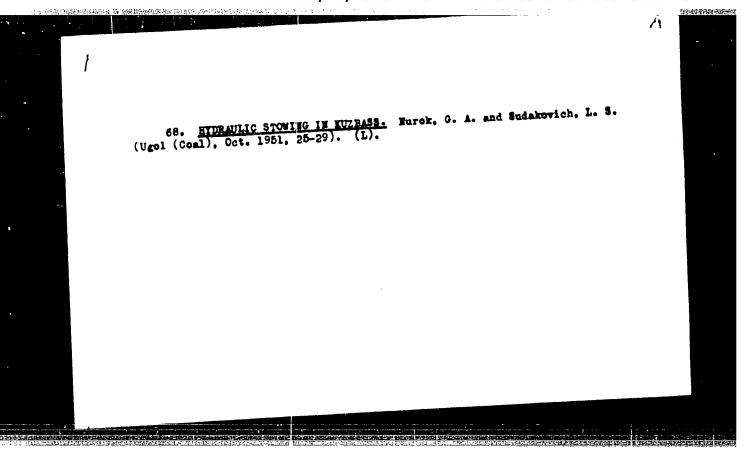


SUDAKOVICH, L. S.

"Kuzbass Improves Backfilling Equipment," Mekhanizatsiya Trudoyemkikh 1 Tyazhelykh Rabot, No 10, Oct 1950.

Translation W-15769, 12 Dec 50

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HOME RECORDS TO SERVED SERVED

SUDAKOVICH, L.S., inshener; ERGANOV, A.A., inshener.

Hardening the filling mass. Ugol' vol.28 no.11:40-42 M '53. (MERA 6:11)

1. Gosudarstvennoye ob yedineniye kamennougolinoy promyshlennosti Kusnetskogo rayona. (Mining engineering) (Concrete)

Sudogennyyo Pozhayl, Na Jhakhtekh K zhessa. M., 1954. 20s.5 Chert. 20 SW (Levo Wedling: Promesti SSST. Tekhn. Upr. Tsentr. In-t Tekhn. Informatsii. Vost. Nauch.—Issled. In-t P. Dezopasnosti Tabot V Gornoy Promesti VostNII).

1.000 EKZ. Beanl.=(54.-54.34) F. 632.313:630.12+632.30

NUROK, G.A.; SERRIDA, B.K.; SUDAKOVICH, L.S.

Problem of the technology of filling-in work in mines. Ugol' 29
no.8:44-46 Ag '54.

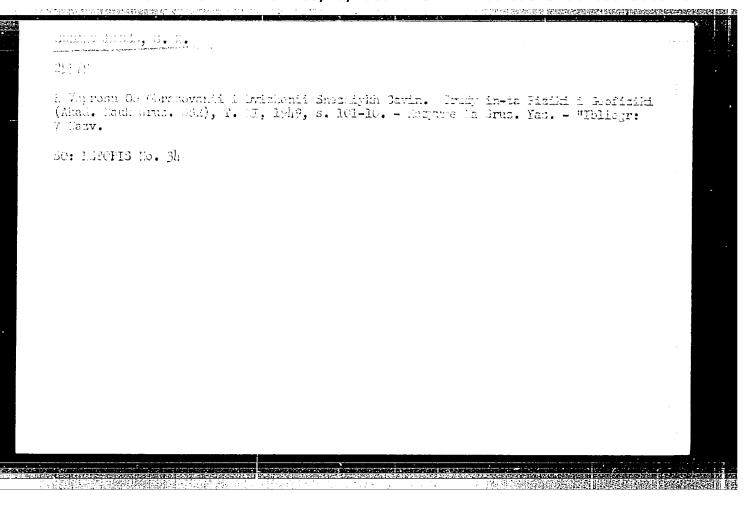
1. Moskovskiy gornyy institut im. I.V.Stalina (for Nurok). 2.Institut Unipromed' (for Sereda). 3. Kuzbasspetstrest (for Sudakovich).

(Coal mines and mining)

CHARGUA, R.

"Introducing an eight-scotten process." p. 34. (CTOTES, Vol. L, no. 2, Feb. 1953, Lodz, Poland)

So: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.



SUDALIN, M.

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Important stimulus for improving the work of lumbering organizations. Sel'.stroi. 10 no.3:9 Mr '55. (MIRA 8:6)

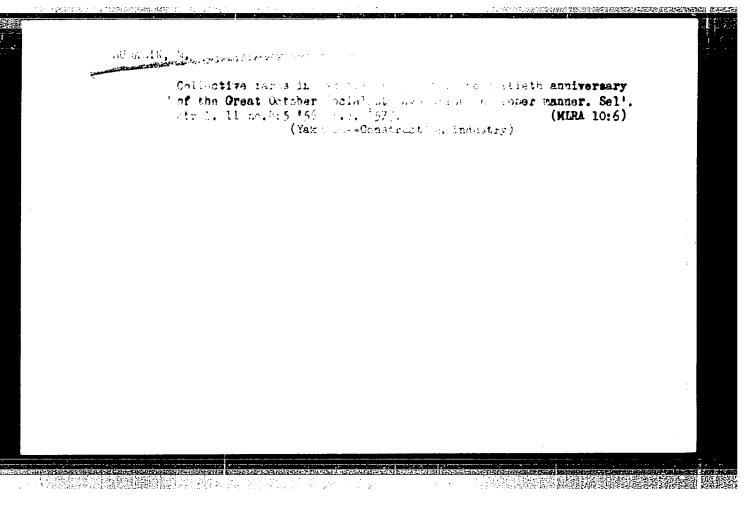
1. Ekonomist plamovo-finansovogo otdela Glavkolkhosstroya Ministerstva gorodskogo i sel'skogo stroitel'stva RSFSR. (Lumbermen) (Wages)

SUDALIN, M., ekonomist.

Progressive logging camp. Sel'.stroi. 11 no.2:7 F '56. (MLRA 9:7)

1.Glavkolkhozstroy Kinisterstva gorodskogo i seliskogo stroitelistva RSFSR.

(Arzamas--Lumber camps)



SUDALIN, M.

Practices of the "Pravda" Collective Farm. Sel'.stroi. 13 no.11:14 N '58. (MIRA 11:12)

1. Starshiy ekonomist Glavkolkhozstroya Ministerstva sel'skogo khozyaystva RSFSR.

(Mokshan District -- Farmhouses)

Using lumber industry wastes. Sel'.stroi. 13 no.12:13-14 D'58. 1. Starshiy ekonomist Glavkolkhozstroya Ministerstva sel'skogo khozyaystva RSFSR. (Wood waste) (Farm buildings)
D '58. 1. Starshiy ekonomist Glavkolkhozstroya Ministerstva sel'skogo khozvavstva RSFSR.
khozyavstva RSFSR.
khozyaystva RFSR. (Wood waste) (Farm buildings)

SUDALIN, M., ekonomist

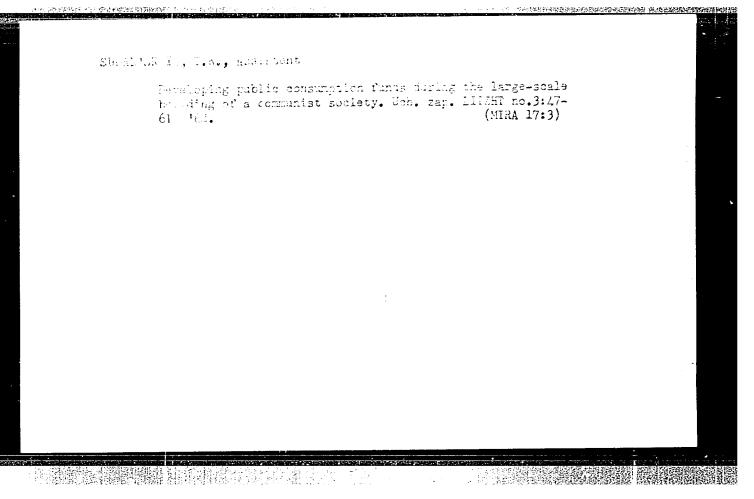
Technical training of collective farm builders. Sel'.stroi.
13 no.3:29-30 Mr '59.
(Chuvaahia-Building trades-Study and teaching)

(Chuvaahia-Building trades-Study and teaching)

SUDAL'SKAYA, T.K., assistent

Developing public consumption during the large-scale building of a communist society. Uch. zap. LIIZHT no.3:47-61 '62.

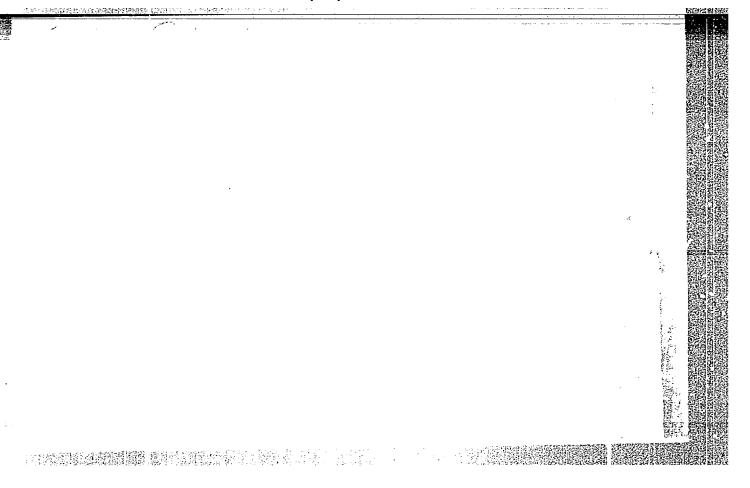
(MIRA 17:3)

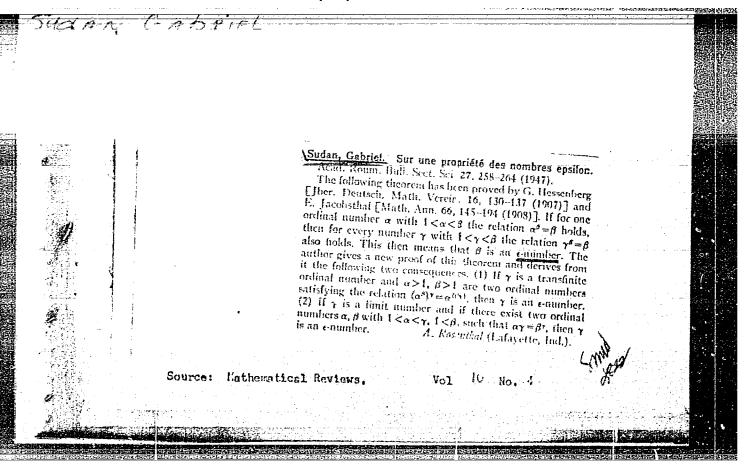


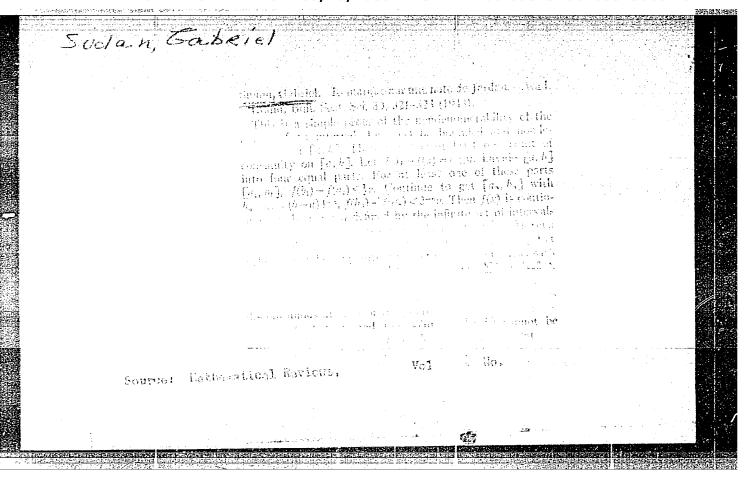
NOSE, G., Sandh, C.D.

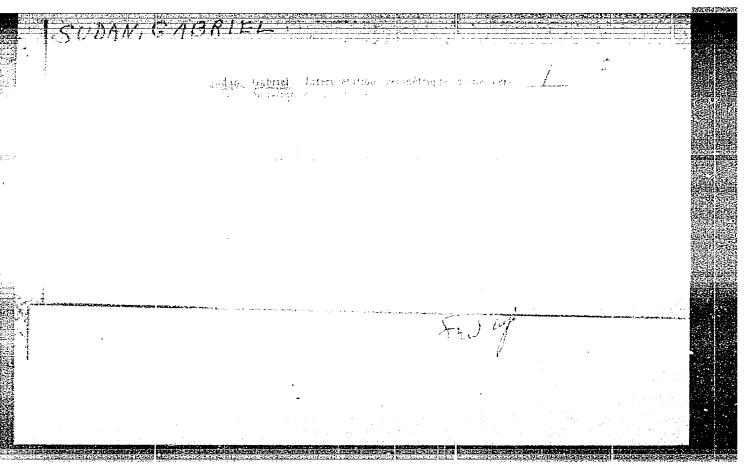
On the approximation of linear ternary forms. Bul Inst.
Politish 25 no.4:13-17 July 163.

1. Supartment of Mathematics, Bucharest Polytechnic Institute.









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On the law of the best approximate vlaue. In German. p. 429.

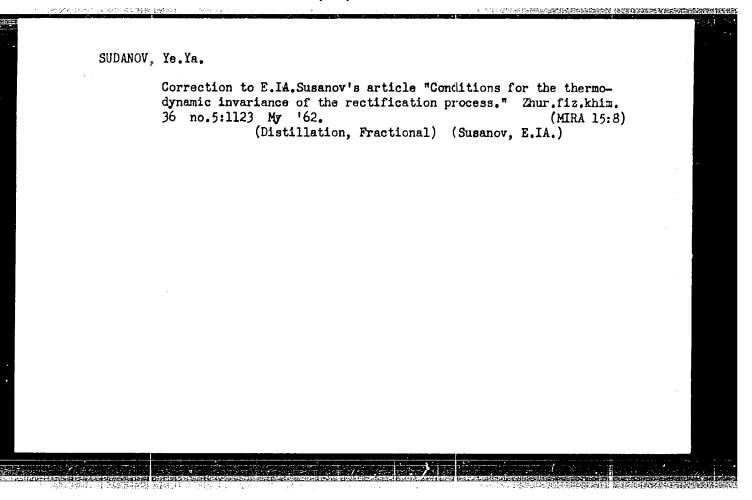
REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania. Vol. 2, 1957.

Monthly List of East European Accessions (EEAL) LC Vol. 9, no. 1, January 1960. UNCL

SUDAN, G.; EMCUR, C. (Bucuresti)

Observations on two arithmetical theorems. Bull math Rum 6 no.3/4:
235-238 '62 [publ. '64].

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SUDAR, J Economic importance of advertising in the chemical industry.

Vol. 4, No. 8, Aug. 1955

KEMIJAU INDUSTRIJI

SO: Monthly Listo of East European Accessions, (EEAI), IC, Vol. 5, No.3

Testing of engines. Mor. flot 22 no.6:25 Je '62. (MRA 15:7)

1. Starshiy inspektor rechnogo Registra RSFSR (for Seleznev).
2. Upolnomochennyy Ministeratva rechnogo flota po priyemke flota pri Sretenskom sudostroitel'nom zavoče (for Sen'ko).
3. Nachal'nik otiela tekhnicheskogo kontrolya Sretenskogo sudostroitel'nogo zavoda (for Sudarchikov).

(Marine engines—Testing)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653730001-5"

ACCESSION NR: AP4041637

5/0114/64/000/006/0008/0011

AUTHOR: Kuznetsov, A. L. (Candidate of technical sciences); Sudarev, A. V. (Engineer)

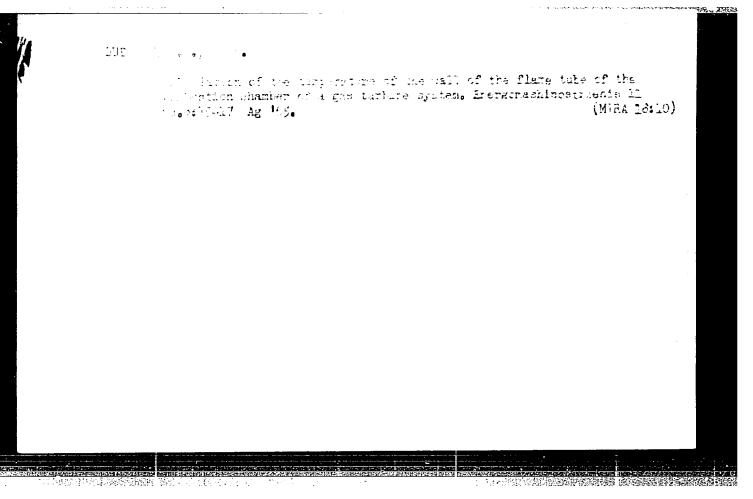
TITLE: Aerodynamics and heat transfer of a flat turbulent jet spreading along a plane surface

SOURCE: Energomashinostroyeniye, no. 6, 1964, 8-11

TOPIC TAGS: gas turbine, gas turbine plant, gas turbine cooling

ABSTRACT: Formulas and graphs are presented for approximating the width of the boundary (near-wall) layer, length of initial section, heat-transfer coefficient, and velocity distribution in the boundary and free-turbulence zones. Laminar and transition sections of the boundary layer are neglected. The case of a semiconstrained jet in a cumulative stream and of a submerged jet are considered. Published data is used throughout and compared with some experimental results

Card 1/2



MUZHETSOV, L.A., doktor tekhnenank; SUDARZV, A.V., insh.

Study of blade-type mixers of combustion chembers with three whirlers. Energonashinostroenic 11 no.10:17-19

0 *65.

(MTRA 18:11)

ACC NR: AR6035220

SOURCE CODE: UR/0274/66/000/008/B087/B087

AUTHOR: Narezhnyy, E. G.; Sudarev, B. V.

TITLE: Effects of certain heat and design parameters on the degree of overheating of a single micromodule cooled under natural convection conditions

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs; 8B613

REF SOURCE: Tr. Leningr. korblestroit. in-ta, vyp. 47, 1965, 81-90

TOPIC TAGS: parameter, heat conductivity, heat transfer, module, micromodule, printed plate, printed circuit

ABSTRACT: The micromodule, fastened vertically to a printed plate, contains one heat-releasing element connected to the plate by wire leads; the plate is cooled due to natural convection. The differential equation of heat conductivity for this design is determined in a general form and the temperature of the heat releasing element is expressed in terms of basic thermal and design parameters M. An analysis of the relationships shows that since the heat transfer from the module is limited by conditions of external heat transfer from the surface, more effective measures of

Card 1/2

UDC: 621.396.6-181.5

AUTHORS: Ozerov, M., Skorokhodova, L. and Sudarev, G. (Engineers).

man from the

TITLE: Experimental 3-waggon refrigerated railway unit. (Opytnaya trekhvagonnaya kholodil'naya sektsiya).

PERIODICAL: "Kholodil'naya Tekhnika" (Refrigeration Engineering), 1957, No.2, pp. 11 - 17 (USSR).

ABSTRACT: An experimental 3-waggon refrigerated rail unit has been built by the Bryansk engineering works according to plans produced by the Central Design Office, Refrigeration Engineering, and the Riga electrical machinery works. The waggons are intended for transportation of low temperature freight of fresh vegetables and fruit in summer as well as in winter and for this purpose a system of machine refrigeration and of electric heating is provided, which should be able to ensure an inside air temperature between -20 and +14 C for ambient temperatures of +30 to -45 C. In addition, the refrigerating units are designed to be suitable for preliminary cooling, of vegetables and fruit from 25 to 4 C in two days. Each of the waggons is fitted with a machine section comprising the refrigeration unit; in addition, waggon No.2 contains a Diesel generator unit and Card 1/3 waggon No.3 contains space for two operators. The waggon bodies are metallic of welded construction. The main data

Experimental 3-waggon refrigerated railway unit. (Cont.) are summarised in Table 1, p.12. The refrigeration equipment is described in some detail and so are the results of stationary and operational tests of this refrigerated unit. In the stationary tests the heat transfer coefficients of the waggon walls were as follows: waggon No.1,0.35, waggon No.2, 0.42, Waggon No.3, 0.37 kcal/m2hour °C; the rated value was 0.4 kcal/m2hour °C. The delivery of the fans in Waggon No.1 for a temperature of -20 C equalled 5500 m3/hour and the respective values for waggons Nos.2 and 3 were 5870 and 5100 m3/hour. The delivery of the condenser fans was about 10 000 m3/hour. The required temperature of -20 C for an ambient temperature of +30 C was obtained only in waggons Nos. 2 and 3 and for this, continuous running of the refrigeration machinery was necessary, which indicates that their rating is not high enough. The automatic controls operated satisfactorily. The running tests were made on the line Bryansk-Erevan-Batum-Moscow and during these tests the refrigeration equipment operated fully satisfactorily except for the electric contact thermometers, the pointers of which oscillated strongly during movement of the waggons, leading to frequent switching on and off of the drives of the compressors and the fans. During

Card 2/3

Experimental 3-waggon refrigerated railway unit. (Cont.)
60-2-3/22
average running speeds (30 to 50 km/hour) the rate of
feeding fresh air was 300 - 500 m³/hour and 100 = 300
m³/hour in the case of the circulators being switched off.
There are 4 figures and 2 tables.

AVAILABLE:

Card 3/3

CZEROV, M., inzh.; SKOROKHODOVA, L., inzh.; SUMAREV, G., inzh.

Emperimental refrigerator care of increased capacity [with summary in English]. Khol.tekh. 35 no.6:38-42 N-D '58.

(MIRA 12:1)

1. Bryanskiy mashinostroitel'nyy zavod.

(Refrigerator care)

SOV /137-58-12-24310

Translation from: Referativnyy zhurnal. Metallurgiva, 1958, Nr 12, p 54 (USSR)

AUTHOR: Sudarev, M. D.

TITLE: Intensification of Electric Melting of Ores and Improvement in Tech-

nology at the Pechenganikel Kombinat Untensifikatsiya elektroplavki rud i uluchsheniye yeye tekhnologii na kombinate Pechenganikel)

rad randenshem ye yeye tekhhologii na kombinate Pechenganikei)

PERIODICAL: Materialy Soveshchaniya po vopr. intensifik. i usoversh. dobychi

i tekhnol. pererabotki medno-nikelevykh i nikelevykh rud. 1956 g.

Moscow, Profizdat, 1957, pp 166-174

ABSTRACT: An examination is made of the procedure for melting sulfide Ni ores

to matte in electric arc furnaces at the Pechenganikel Kombinat. The 61% increase in the useful power of the furnaces has permitted a considerable rise in fusion and a 22% reduction in unit consumption of electrical energy. The Ni content in the waste slags was reduced by 42%. The presence of fines and of 2-2.8% moisture in the ore results in expulsions of ore from the bath with damage to the roof; this

made it necessary to sinter the ore fines and concentrates and melt

them under more intensive conditions.

Card 1/1

Ye. Z.

OSIPOV, Ya.Kh.; TALOVIKOV, G.I.; SERRBRYANYY, Ya.L.; SUDAREV, M.D.

Certain problems in the electric smelting of sulfide ores. TSvet.
met. 33 no.7:28-31 J1 *60.

1. Kombinat Pechenganikel*.

(Sulfides--Electrometallurgy)

SUDAREV, M.D.; KOMMATNYY, N.A.; BERDENNIKOV, Ye.V.; SOBOLEV, N.V. Putting into operation a 32000 kva charge-resistance furnace. TSvet. met. 34 no.3:23-31 Mr 161. (Electric furnaces) (MIRA 14:3)

Differential equations for the multiple distribution curves (constants of relative volatility) of two components of the ternary system solution - nonideal vapor. Zhur. fiz. khim.
38 no.5:1084-1090 My '64. (MIRA 18:12)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova. Submitted Dec. 30, 1962.

PASHKOVA, I.M.; SUDAREV, O.N.

Response of the lake frog (Rana ridibunda Pall.) to temperature under natural and experimental conditions. Nokl. AN SSSR 135 no.6: 1512-1515 D '60. (MIRA 13:12)

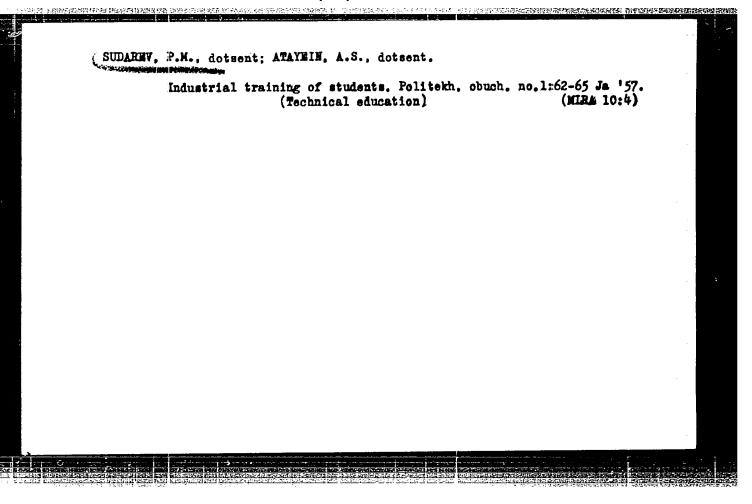
1. Institut tsitologii Akademii nauk SSSR i Dorozhnaya protivochumnaya stantsiya Tashkentskoy zheleznoy dorogi. Predstavleno akademkokom Ye.N. Pavlovskim. (FROGS) (BODY TEMPERATURE—REGUIATION)

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SUDAREV, P.M., (Novosibirsk); TENMBEKOV, S.D. (Movosibirsk).

Experiments with metals. Khim.v shkols 10 no.3:50-55 My-Je '56.
(MLRA 9:8)

(Chemistry--Experiments) (Metals)



AUTHOR: Sudarev, P.M., Dotsent 3-58-5-20/35

TITLE: Preparing for the New Enrollment (Gotovyas' k novomu priyemu)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, Nr 5, pp 67 - 68 (USSR)

ABSTRACT: In 1957, the vuzes of Novosibirsk admitted a considerable

number of persons having practical experience or who had been demobilized from the Army. The author points out the zeal with which this group of the students has devoted itself to academic work. The examination data of the Novosibirsk Agricultural and Pedagogical Institutes prove that the freshmen from factories are not behind those just graduated from school. The preparatory courses have, no doubt, played a certain role in this respect, yet the author stresses the necessity of maintaining the present entrance examination standards.

ASSOCIATION: Novosibirskiy pedagogicheskiy institut (Novosibirsk Pedago-

gical Institute)

AVAILABLE: Library of Congress

Card 1/1

SUDAREV, P.M.; BOYKO, V.S.; ARMAUTOV, N.V.

Amount of certain trace elements in soils and plant ash in Novosibirsk Province. Izv.Sib.otd.AN SSUR no.11:93-95 159.

(MIRA 13:4)

1. Novosibirskiy sel'skokhozyaystvennyy institut i Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

(Novosibirsk Province--Trace elements) (Soil chemistry)

(Plants--Chemical analysis)

SUDAREV, V.V., inzh.

Standard plan of a glass block shop. Stek. i ker. 20 no.4:34-35 Ap '63.

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy stekol'noy promyshlennosti.

(Glass factories) (Glass construction)

L 20642-66 ENT(1)/ENT(m)/EMP(w)/EPF(n)-2/1/EWP(t) LIP(c) JD/WW/JC/GG ACC NR: AP6010405 SOURCE CODE: UR/0126/66/021/003/0368/0395

AUTHOR: Sudareva, S. V.; Buynov, N. N.; Vozilkin, V. A.; Romanov, Ye. P.; Rakin, V.G.

ORG: Institute of Metal Physics, AN UkrSSR (Institut fiziki metallov AN UkrSSR)

TITLE: The relationship between the characteristics of superconductivity and structure of zirconium-4% niobium alloy

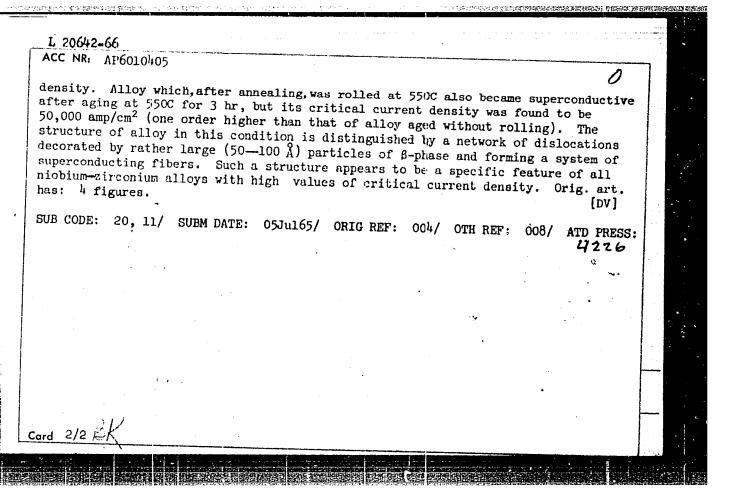
SOURCE: Fizika metallov i metallovedeniye, v. 21, no. 3, 1966, 388-395

TOPIC TAGS: zirconium alloy, niobium containing alloy, alloy structure, alloy superconductivity

ABSTRACT: Zirconium-base alloy containing 4% niobium melted from 99.8%-pure zirconium and 99.4%-pure niobium, rolled at 600—700C into bars, homogenized at 1280C for 50 hr, annealed at 1200C and water quenched, aged at 550C for up to 1000 min, and rolled at 550C with a reduction of 93% was tested for the effect of structure on the characteristics of superconductivity. It was found that alloy annealed at 1200C is not superconductive at 4.2K. Aging of annealed alloy at 550C for 15 min brings about a precipitation of the finely dispersed β-phase and the alloy becomes superconductive with a critical current density of 5000 amp/cm². The β-phase particles precipitate mainly at, the boundaries of the martensitic needles and form a system of superconductive fibers in the nonsuperconductive matrix. Such a structure appears to have a favorable effect on the magnitude of the critical current density. Prolonged aging of annealed alloy has no additional effect on the critical current Cord 1/2

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653730001-5



CIA-RDP86-00513R001653730001-5"

31569 \$/081/61/000/022/067/076 B101/B147

12,5100

Sudareva, V. Ya.

TITLE:

AUTHOR:

Hollow foam plastics

APPROVED FOR RELEASE: 08/26/2000

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 449, abstract 22P51 (Sb. "Penoplastmassy", M., Oborongiz, 1960, 50 - 52)

TEXT: Production methods for plates of "hollow" foam plastics (FP) (FP with openings) have been developed to reduce the weight of FP and the consumption of initial components, and to facilitate the use of FP in constructions. For producing hollow FP, the mixture of the polymer with the gas producer is filled into a mold in two stages. The first half was filled in and leveled; the guide grooves on the mixture were formed by a rammer and the reinforcing metal was placed into the grooves. Then, the second half of the mixture was filled in, and the molding was performed. The molded plate with the rods was placed in a steam chamber, and foamed at 98 - 100°C. The rods may be removed from the plate during or after foaming. Finished FP has the same structure as compact FP, but its volume by weight is 40 - 50% smaller. In the case of bending and compression, the use of reinforced hollow FP proved to be most suitable; the Card 1/2

Card 2/2

Hollow foam plastics

B101/B147

hollows should be arranged along the reinforcing elements. Like compact FP, also hollow FP may be used for constructions as reinforcing filler which reduces price and weight of the construction. Abstracter's note: Complete translation

SUDARFVA, Ye.A., inzh.; AZIZOV, I.A., inzh.

Dependence of short-term mechanical and heat resistance characteristics of 12KhMF steel on thermal treatment and microstructure. Elek. sta 36 no.6:32-33 Je '65.

(MIRA 18:7)

USSR / General and Specialized Zoology. Insects. Harmful Insects P and Acarids. Pests of the Technical, Oil, Medicinal and Essential-Oil Cultures.

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82966

Author : Sudareva C. P.
Inst : Uzbek University

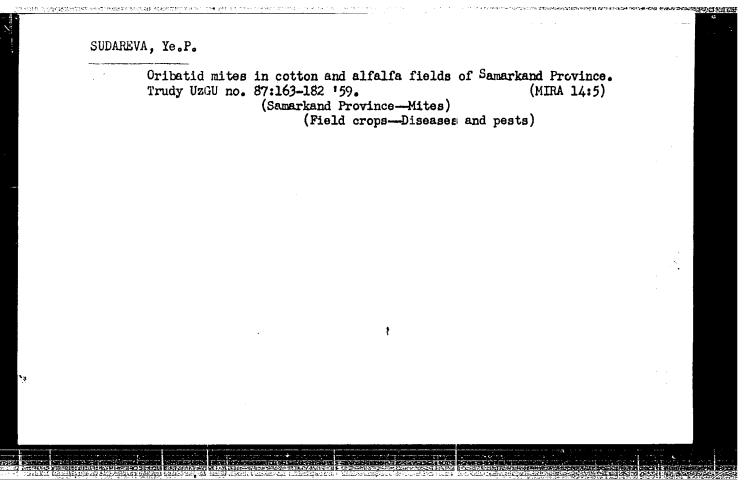
Title : Soil Acarids of the Cotton Fields

Orig Pub : Tr. Uzb. un-ta, 1957, vyp. 67, 93-111.

Abstract: For the Samarkandskaya Oblast, it is established that in the soil, vegetable rubbish and on weed roots, there are stored acarids, which are dangerous for the germinating seeds and the sprouts of irrigated cotton plants. Ten species of thyroglyphic acarids, as well as scale and certain other mites, are recorded. The

indicated acarids are in the soil during the entire winter, but their numbers multiply in April and October.

Card 1/2



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GAVEZ.E.: SUDARIC.F.: STIPANCEVIC.L.

Tuberculosis (postprimaria?) scroti of the stallion. Tuberkuloza,
Beogr. 11 no.4:447-450 0-D 159.

1. Patoloski institut Veterinskog fakulteta, Sarajevo (sef: prof.
dr E. Gavez.)

(TUBERCULOSIS MALE GENITAL veterinary )

(HORSES dis.)
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SUDARIKOV, A.			
Domination, 130			:
	USSR/Radio - Fault Detectors	Oct 51	
	Cable		
	"Locating a Fault in an Underground Cab. Help of the Rodina Receiver," A Sudaril skoye, Frunze Oblast	le With the kov, Stalin-	
	skoye, frunze obzado		
	"Hadio" No 10, p 54		
	Describes changes which must be made in		
	underground cable. Methods permits of	exactly,	
	in either of the 2 wires to be located within while grounds can be located to within	about 0.5 m.	
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SUDARIKOV, A.A.

ABRAMOV, V.A.; ALEKSEYEY, A.M.; AL'TER, L.B.; ARAKELYAN, A.A.; BAKIAHOV, G.I.;

BASCVA, I.A.; BLYUMIN, I.G.; BOGONOLOV, O.T.; BOR, M.Z.; BREGEL',

E.Ya.; VEYTSMAN, N.R.; VIKENT'YEV, A.I.; GAL'TSOV, A.D.; GERTSOVSKAYA,

B.R.; GIADKOV, I.A.; DVORKIN, I.N.; DRAGILEV, M.S.; YEFIMOV, A.N.;

ZHAMIN, V.A.; ZHUK, I.N.; ZAMYATNIN, V.N.; IGNAT'YEV, D.I.; IL'IN,

M.A.; IL'IN, S.S.; IOFFE, Ye.A.; KAYE, V.A.; KAMENITSER, S.Ye.;

KATS, A.I.; KLIMOV, A.G.; KOZLOV, G.A.; KOLGANOV, M.V.; KONTOROVICH,

V.G.; KRAYEV, M.A.; KRONROD, YS.A.; LAKHMAN, I.L.; LIVANSKAYA, F.V.;

LOGOVINSKAYA, R.L.; LYUBOSHITS, L.I.; MALYSH, A.I.; MENZHINSKIY,

Ye.A.; MIKHAYLOVA, P.Ya.; MOISEYEV, M.I.; MOSKVIN, P.M.; NOTKIN,

A.I.; PARTIGUL, S.P.; PFRVUSHIN, S.P.; PETROV, A.I.; PETRUSHOV, A.M.;

PODGORNOVA, V.M.; RABINOVICH, M.A.; RYVKIN, S.S.; RYNDINA, M.N.;

SAKSAGANSKIY, T.D.; SAMSONOV, L.N.; SMEKHOV, B.M.; SOKOLIKHIN, S.I.;

SOLLERTINSKAYA, Ye.I.; SUDARIKOV, A.A.; TATAR, S.K.; TERENT'YEV,

P.V.; TYAGAY, Ye.Ya.; FEYGIN, Ya.G.; FIGURNOV, P.K.; FRUMKIN, A.B.;

TSYRLIN, L.M.; SHAMBERG, V.M.; SHAPIRO, A.I.; SHCHENKOV, S.A.;

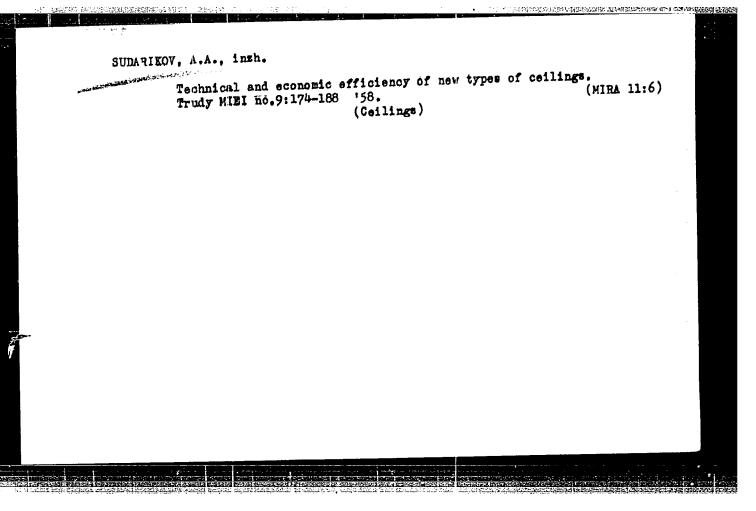
EYDEL'MAN, B.I.; EKHIN, P.E.; MITROFANOVA, S., red.; TROYANOVSKAYA, N.,

tekhn.red.

[Concise dictionary of economics] Kratkii ekonomicheskii slovar'.

Moskva, Gos.izd-vo polit.lit-ry, 1958. 391 p. (MIRA 11:7)

(Economics-Dictionaries)



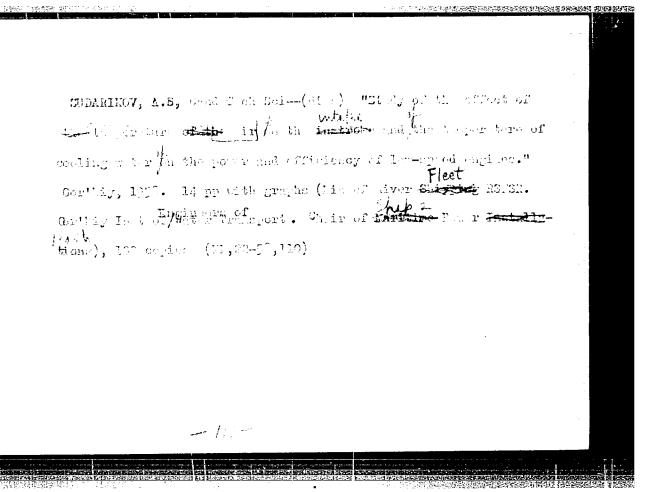
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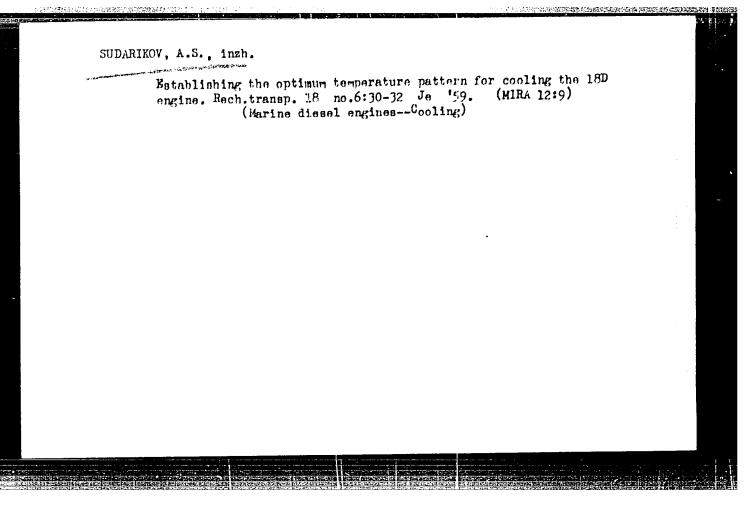
ONISHCHIK, L.I., doktor tekhn.nauk, prof.; YELKIN, A.V., dotsent;
SMIRNOV, B.A., kand.tekhn.nauk; MANDRIKOV, A.P., kand.tekhn.
nauk; SHLEINA, L.A., kand.tekhn.nauk; SUDARIKOV, A.A., inzh.

Increasing technical and economic effectiveness of basic designs of standard apartment houses. Trudy MIEI no.14:41-101
'59.

1. Moskovskiy inzhenerno-ekonomicheskiy institut. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Onishchik).

(apartment houses) (Architecture-Designs and plans)





SUDARIKOV, A.S., kand.tekhn.nauk

Nodernizing the cocling system of the main engines on the motorship "Bol'shaia Volga." Trudy GPI 15 no.1:101-107 '61 [i.e. '59].

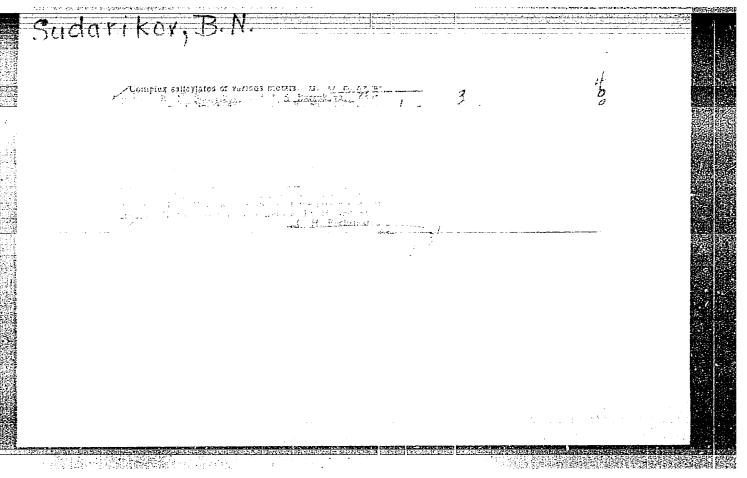
(MIKA 15:11)

(Marine engines--Cooling)

ZVYAGINTSEV, O.Ye.; SUDARIKOV, B.N.

Complex metal salicylates. Part 1. Izv.Sekt.plat.i blag.met. no.31: 78-94 '55.

(Salicylates) (Compounds, Complex)



CHANTEU BN

USSR/Inorganic Chemistry - Complex Compounds.

c.

Abs Jour

: Ref Zhur - Khimiya, No 9, 1957, 30297

Author

Sudarikov, B.N., Smirnov, L.M.

Inst

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Title

Complex Titanium Salicylates.

Orig Pub

: Zh. neorgan. khimii, 1956, 1, No 10, 2327-2336

Abst

: On interaction of a sulfuric acid solution of Ti(4+)
with NH,-salicylate or Na-salicylate, in weakly acidic,

neutral or weakly alkaline media, there are formed

yellow powders having the empirical formulas

NH, TiSal₃.4H₂O (I) (biaxial crystals in the form of elongated hexagons; angles of extinction of about 30° ; $n_1 = 1.746$, $n_2 =$ about 2) and NaTiSal₃.3H₂O (II) (crystals

in the form of elongated hexagonal prisms;

 $n_{j}=1.738$; $n_{j}=1.780$), wherein Sal -- ion of salicylic acid. On the basis of the results of titration of solutions of I and II with solutions of NH₃, or of alkali,

Card 1/2

C.

USSR/Inorganic Chemistry - Complex Compounds.

Abs Jour : Ref Zhur - Khimiya, No 9, 1957, 30297

determination of apparent molecular weight of II, data of thermal analysis of <u>I</u>, and determination of molecular conductance of solutions of <u>I</u> and II, the authors attribute to I and II the structural formulas $NH_{\mu}Sal^{-}/Ti(Sal^{2-})_{2}/.4H_{2}O \text{ and NaSal}^{-}/Ti(Sal^{2-})_{2}/.3H_{2}O.$

The salicylate II is considerably more stable that <u>I</u>, and is not hydrolyzed, in aqueous solution, for a long time. Heating of <u>I</u> at 180° results in a complete elimination of the water of crystallization. Further increase of temperature, to 240-250°, results in the formation of Ti(Sal²-)₂ (crystals of rhombohedral form with extinction angles of 25, 9 and 0°; n, about 1.736, n, about 1.761). Concentration of Ti(1+) in the filtrate, on precipitation of <u>I</u> or <u>II</u>, is determined primarily by pH value of the medium and the temperature. At pH 4 a rise of the temperature results in a sharp increase of the solubility of <u>I</u> and <u>II</u>.

Card 2/2

SUDARIKOV, B.W., ZVYAGINTSEV, O.Ye.

"Salicylates of Uranium and Thorium," by O. Ye. Zvyagintsev and B. N. Sudarikov, Moscow Order of Lenin Chemicotechnological Institute imeni D. I. Mendeleyev, Zhurnal Neorganicheskoy Khimii, Vol 2, No 1, Jan 57, pp 128-137

It was established that from weakly acidic solutions which contain ammonium salicylate, hexavalent uranium precipitates in the form of orange-colored prisms which have the composition NH_{l_1} [UO₂ (Sal⁻)₃]. 4 H₂O. The solubility of uranyl ammonium trisalicylate in solutions of $\mathrm{NH}_{l_2}\mathrm{Sal}^-$ was determined and its dependence on the $\mathrm{p_H}$, the concentration of Sal⁻ ions, and the temperature established. Titration tests demonstrated that in an alkaline solution containing Sal⁻ ions hexavalent uranium is present in the form of $[\mathrm{UO}_2\ (\mathrm{Sal}^2)_3]^{-1}$ ions. The conditions have been determined under which stable aqueous solutions of this complex anion are formed and no decomposition of the anion takes place on heating.

SUM. 1287

By using as a radioactive tracer a thorium isotope with the half-life of 24.6 days, the solubility of the thorium salicylate ${\rm Tho}({\rm Sal}^-)_2$ in water and in solutions of ammonium salicylate was determined and its dependence on the temperature, the $p_{\rm H}$, and the concentration of ammonium salicylate established. The concentrations of thorium in the filtrate were determined after precipitation of this element in the form of its salicylate and the changes in this concentration correlated with the conditions mentioned above. The data obtained in this manner were applied in the separation of thorium from uranium by the salicylate method.

It is pointed out that the salicylate method also serves for the analytical separation of uranium from rare earths and that this separation is based on the different tendencies of uranyl and of the rare earths to form complexes with salicylic acid.

Sa DARIKOR

Sudarikov, B. N. and Busarov, Yu. P. AUTHORS:

78-3-33/35

TITLE:

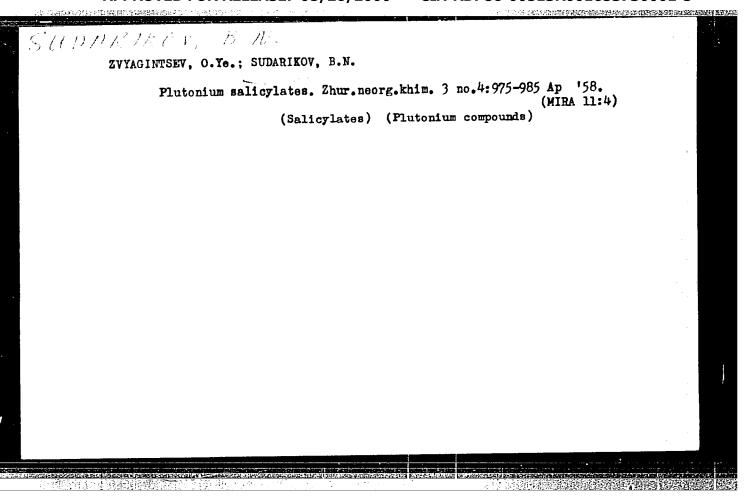
Behaviour of Pentavalent Niobium to Salicylic and Sulphosalicylic Acids. (Otnosheniye pyativalentnogo niobiya k salitsilovoy i sul'fosalitsilovoy kislotam.)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1957, Vol.II, No.3, pp. 702-703. (USSR)

ABSTRACT: In this investigation the behaviour of niobium sulphate towards salicylic acid and ammonium salicylate, and also of niobium sulphate, chloride and oxalate to sulphosalicylic acid and to ammonium sulphosalicylate has been investigated. There is 1 table and 1 Slavic reference.

ASSOCIATION: Moscow Chemical-Technological Institute, imeni D. I. Mendeleyev. (Moskovskiy ordena Lenina Khimiko-Tekhnologicheskiy institut im. D. I. Mende layeva)

SUBMITTED: 13 December, 1956. AVAILABLE: Library of Congress. Card 1/1



5(2) AUTHORS:

SOV/156-59-1-19/54

Sudarikov, B. N., Zaytsev, V. A., Puchkov, Yu. G.

TITLE:

The Extraction of the Salicylates of Scandium, Yttrium, Cerium, Lanthanum, Uranium, and Thorium (Ekstraktsiya salitsilatov skandiya, ittriya, tseriya, lantana, urana i toriya)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1959, Nr 1, pp 80 - 83 (USSR)

ABSTRACT:

The work is an attempt to attain the separation of the elements mentioned by means of the extraction taking place with complex formation. The extraction was controlled by the radioactive isotopes

Sc 46, Y 90, Ce 141, La 140, and Th 234. Salicylic acid was chosen because it easily forms complex compounds with metals and is readily soluble in organic solvents. Isoamyl alcohol was used as a solvent, The distribution coefficient % of salicylates

between the aqueous and organic phase was checked in dependence on the pH of the solution (Diagram). The following substances were quantitatively extracted: scandium salicylate at pH values between 3.3 - 5.5; yttrium salicylate at pH

Card 1/2

The Extraction of the Salicylates of Scandium, Yttrium, SOV/156-59-1-19/54 Cerium, Lanthanum, Uranium, and Thorium

values higher than 4. lanthanum salicylate at pH values higher than 4.5; cerium salicylate at pH values higher than 5.0 and thorium salicylate at pH values higher than 5.0. Uranium salicylate was extracted between pH 2.5 to 5.5, with higher pH values, however, a crystalline precipitate is formed which was analyzed as NH₄ UO₂(HSal¹⁶)₃.4H₂O. A straight line with the tangent of the inclination angle = 2 resulted from the coordinate system $lg(\kappa) = lg(H^+)$ with a constant salicylic acid concentration and from the system $lg(\kappa) = lg(HSal)_{\rm org}$ at a constant pH = 2.2. Thus 2 H⁺ ions

are emitted in the reaction with salicylic acid. There are 3 figures and 10 references, 3 of which are Soviet.

ASSOCIATION:

Kafedra tekhnologii radioaktivnykh i redkikh elementov Moskovskogo khimiko-tekhnologicheskogo instituta im.D.I.Mendeleyeva (Chair of the Technology of Radioactive and Rare Elements of the Moscow Institute of Chemical Technology imeni D.I.Mendeleyev)

SUBMITTED: Card 2/2

June 28, 1958

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21,3200

AUTHORS:

Galkin, N. P., Sudarikov, B. N., Zaytsev, V. A.

TITLE:

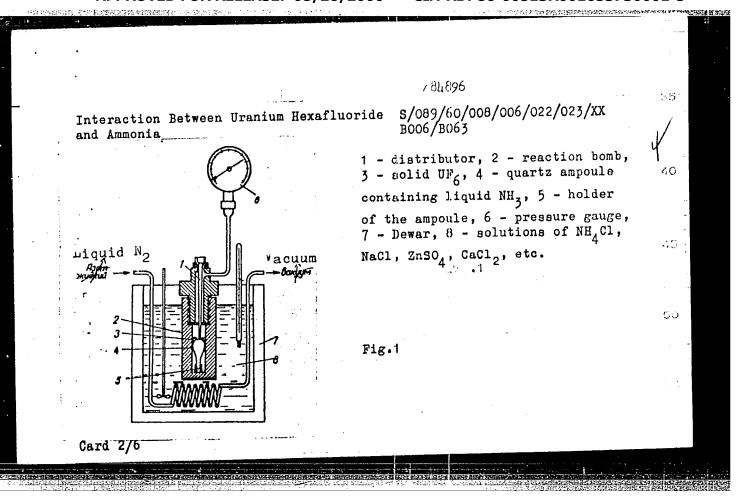
Interaction Between Uranium Hexafluoride and Ammonia

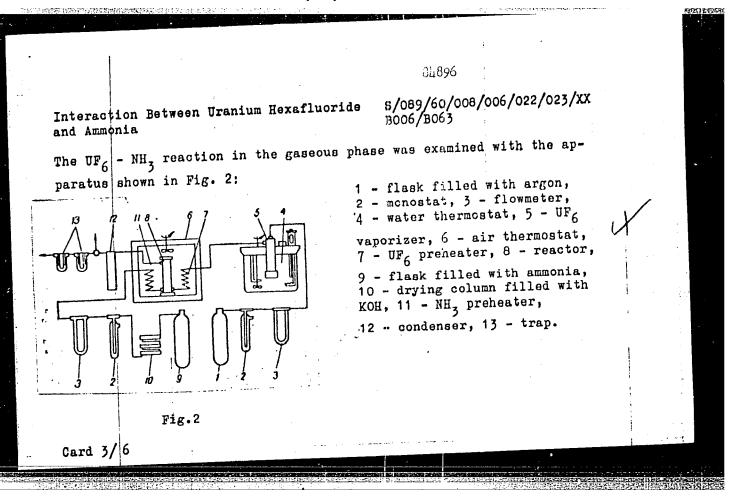
PERIODICAL:

Atomnaya energiya, 1960, Vol. 8, No. 6, pp. 530 - 534

TEXT: The authors studied the interaction between uranium hexafluoride and ammonia in the temperature range from -50 to +200°C for the purpose of determining the reaction equations at different temperatures and measuring the rates and thermal effects of the reactions. The reaction of uranium hexafluoride with liquid and gaseous ammonia was examined with an apparatus schematically shown in Fig.1:

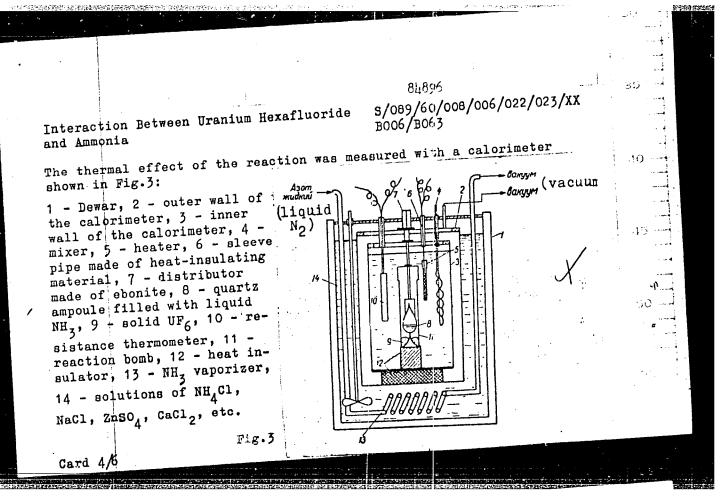
Card 1/6





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484896

Interaction Between Uranium Hexafluoride S/08 and Ammonia B008

S/089/60/008/006/022/023/XX B006/B063

The entire reaction within the range -50 -30° C can thus be described by equation 6UF_6 + $(8+6n)\text{NH}_3$ \rightarrow UF_5nNH_3 + $6\text{NH}_4\text{F}$ + N_2 , where n = 0.73. The following equations hold in the ranges 0 - $+25^{\circ}$ C and 100 - 200° C, respectively: $4\text{UF}_6+8\text{NH}_3$ \rightarrow $2\text{UF}_5+2\text{NH}_4\text{UF}_5+4\text{NH}_4\text{F}$ + N_2 and $3\text{UF}_6+8\text{NH}_3$ \rightarrow $3\text{NH}_4\text{UF}_5+3\text{NH}_4\text{F+N}_2$. The calculated values are all compared with the experimental ones. The thermal effect observed between -50 and - 30° C varies from 50.8 to 83.6 kcal/mole (cf. Table 2); at - 40° C, it coincides with the value calculated from the reaction equation. Within the range -20 to + 20° C, the reaction rate was measured as a time function (Fig.4). The functions (- 20° , 0°, + 20° C) are hyperbolic. There are 4 figures, 5 tables, and 9 references: 3 Soviet, 1 US, 2 German, and 1 British.

SUBMITTED:

July 15, 1959

Card 6/6

PHASE I BOOK EXPLOITATION

SOV/5613

Shevchenko, Viktor Borisovich, and Boris Nikolayevich Sudarikov

Tekhnologiya urana (Uranium Technology) Moscow, Gosstomizdat, 1961. 329 p. Errata slip inserted. 6,000 copies printed.

Ed.: M. A. Borisovskaya; Tech. Ed.: Ye. I. Mazel'

PURPOSE: This book is intended for students and aspirants at schools of higher education specializing in the technology of the natural radioactive elements, and can also be used by engineering, technical, and scientific workers in this and related fields.

COVERAGE: The book discusses technological processes in the production, dressing, and refinement of uranium ore to obtain metallic uranium and compounds of uranium used as nuclear fuel. Processing steps from the reduction of uranium ores to the refining and metallurgical stages are explained in turn. The remaining chapters deal with the chemical and physicochemical properties of the most important compounds of uranium and include a brief description of the geochemical characteristics of uranium ore. The author has based his

Card 1/7

Uranium Technology

SOV/5613

work on a lecture series entitled . "Technology of the Natural Radioactive Elements" which he gave at the Moskovskiy ordena Lenina khimiko-tekhnologi-cheskiy institut im. D. I. Mendeleyeva (Moscow "Order of Lenin" Institute of Chemical Technology imeni D. I. Mendeleyev) from 1958 to 1960. No personalities are mentioned. There are 92 references: 20 Soviet, 70 English, 1 Italian, and 1 German.

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